

Level 3 Doubling and Halving - Multiplication

These number talks give students experiences solving 2-digit x 1-digit, 3 digit x 1 digit, and 2-digit x 2-digit multiplication mentally. The problems build upon each other. Accept all strategies. Focus on the structure. Record their thinking. Ask “Did anyone do it a different way?”

Week 1

1×16

2×8

4×4

8×2

16×1

1×24

2×12

4×6

8×3

1×48

2×24

4×12

8×6

16×3

1×32

2×16

4×8

2×16

32×1

1×56

2×28

4×14

8×7

Week 2

8×16

4×32

2×64

84×5

42×10

21×20

56×5

28×10

14×20

7×40

35×8

70×4

140×2

8×29

4×58

2×116

Week 3

4×60

5×300

4×359

8×50

8×100

8×200

8×199

6×40

10×40

16×40

16×39

2×25

4×25

8×25

10×25

6×600

10×600

16×600

16×599

Week 4

4×220

2×440

1×880

2×1440

4×720

8×360

16×180

32×90

64×45

27×5

9×45

3×135

1×405

64×35

16×140

8×280

4×560

2×1120

1×2240

36×18

72×9

216×3

648×1